

### **DETAILED ACTION**

1. This action is in response to the amendment filed on October 10, 2008. Claims 1-2, 4-11, 21-22 and 24-38 are pending and have been considered below.

### **EXAMINER'S AMENDMENT**

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Chun M. Ng and James Sfekas on December 16, 2008.

The claims in the application are amended as follows:

#### **In Claims:**

- (1) In claim 1, line 13; replace – **the** – between "**on**" and "**logic**" by – **a** -.
- (2) In claim 21, line 12; replace – **the** – between "**on**" and "**logic**" by – **a** -.
- (3) **Cancel claims 32-38.**

### ***Allowable Subject Matter***

3. Claims 1-2, 4-11, 21-22 and 24-31 are allowed.
4. The following is an examiner's statement of reasons for allowance: The prior art of record Minamino et al discloses a system and method for generating and recovering

a clock in optical disk drives where a count value is calculated by counting input signal period based on reference clock and a control signal is generated based on comparison of count and its average and further synchronizing the generated clock that is based on control signal and input signal in a predetermined way. But, prior art of record fails to disclose or teach that a second control signal is generated based on the comparison of input and the clock signal that was generated with first control signal i.e. the target clock and making a determination in accordance with the logic level of first control signal, and controlling frequency of target signal based on control voltage generated by loop filter according to second control signal.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.
  - a. Skerritt (US 7,375,592) discloses a system and method for manipulating an accurate frequency on a voltage controlled oscillator.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to HIRDEPAL SINGH whose telephone number is (571)

270-1688. The examiner can normally be reached on Mon-Fri (Alternate Friday Off)  
8:30AM-6:00PM EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Shuwang Liu can be reached on 571-272-3036. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/H. S./  
Examiner, Art Unit 2611  
/Shuwang Liu/  
Supervisory Patent Examiner, Art Unit 2611